

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|--|------------------|---------|------------------|
| L2 | 2 | ("5754591").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:31 |
| L3 | 2 | ("6795486").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:33 |
| L4 | 2 | ("6937671").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:33 |
| L6 | 2 | ("6856656").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:39 |
| L7 | 2 | ("5742637").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:40 |
| L8 | 2 | ("5940863").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:40 |
| L9 | 2 | ("5311546").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/09 06:40 |

EAST Search History

| | | | | | | |
|----|---|---------------------|--|----|-----|------------------|
| S1 | 2 | ("6418164").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 10:02 |
| S2 | 2 | ("6337878").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 10:53 |
| S3 | 2 | ("20040248517").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 10:58 |
| S4 | 2 | ("6985549").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 10:59 |
| S5 | 2 | ("6668014").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 10:59 |
| S7 | 2 | ("7031405").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:21 |
| S8 | 2 | ("5930296").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:22 |

EAST Search History

| | | | | | | |
|-----|----|---|--|----|-----|------------------|
| S9 | 2 | ("6240133").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:23 |
| S10 | 2 | ("6370191").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:24 |
| S11 | 2 | ("20020054634").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:25 |
| S12 | 2 | ("6816548").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:26 |
| S13 | 2 | ("6842495").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 11:26 |
| S15 | 2 | ("6904098").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 12:20 |
| S17 | 40 | (carrier adj recover\$3) with (coarse or fine) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/07 12:29 |
| S18 | 6 | S17 and slicer and filter | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/07 12:30 |

EAST Search History

| | | | | | | |
|-----|-----|--|--|----|----|------------------|
| S19 | 5 | (carrier adj recover\$3) near2 (coarse or fine) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/07 12:30 |
| S20 | 116 | (carrier adj recover\$3) near2 (coarse or second) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/07 12:30 |
| S21 | 24 | S20 and slicer and filter | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/07 12:30 |
| S22 | 177 | ATSC and (carrier adj recovery) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 12:59 |
| S23 | 56 | S22 and slicer and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 12:58 |
| S24 | 59 | ATSC and ((carrier adj recovery) near10 pilot) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 13:47 |
| S25 | 22 | (carrier adj loop) with ((variable or adjust\$4) near3 filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 13:51 |
| S26 | 28 | (carrier adj recovery) with ((variable or adjust\$4) near3 filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 13:57 |

EAST Search History

| | | | | | | |
|-----|----|--|--|----|-----|------------------|
| S27 | 2 | ("6281813").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 13:57 |
| S29 | 2 | ("6343304").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 15:46 |
| S30 | 2 | ("6018556").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 15:47 |
| S31 | 2 | ("5703597").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 15:47 |
| S37 | 13 | (adaptive adj gain adj control\$3) same calculat\$4 same error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:22 |
| S39 | 2 | ("4458355").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/07 16:19 |
| S41 | 20 | (adaptive near2 gain near control\$3) same delay\$4 same error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 16:23 |

EAST Search History

| | | | | | | |
|-----|-----|--|--|----|-----|------------------|
| S43 | 181 | AGC same error same (imaginary or quadrature) same (mixer or multipl\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 06:35 |
| S45 | 44 | AGC same error same (imaginary or quadrature) same (mixer or multipl\$4) same delay | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 06:39 |
| S48 | 357 | AGC same (phase adj error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 06:43 |
| S49 | 29 | AGC same (phase adj error) same imaginary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 06:43 |
| S50 | 30 | ("4213097").PN. OR ("4870370").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 06:45 |
| S52 | 24 | (AGC or (adaptive adj gain adj control\$4)) same (phase adj error adj detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 08:12 |
| S55 | 26 | (AGC or (adaptive adj gain adj control\$4)) and (gain same (phase adj error) same (multipl\$4) same (previous or delay)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 08:14 |
| S56 | 2 | ("20050157820").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 10:08 |
| S57 | 6 | ("4539526" "6185262" "6356217" "6429734").PN. OR ("6696886").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 10:10 |

EAST Search History

| | | | | | | |
|-----|-----|---|--|----|-----|------------------|
| S60 | 13 | ("3983498" "4107624" "4117410" "4117420" "4479091" "4668917" "4672632").PN. OR ("5268655").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 11:00 |
| S61 | 285 | de\$1rotat\$4 with multipl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 11:09 |
| S62 | 150 | S61 and (phase adj error) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 11:01 |
| S63 | 94 | S62 and slic\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 11:01 |
| S65 | 4 | de\$1rotat\$4 with multipl\$4 with feed\$1forward | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 11:10 |
| S66 | 2 | ("5406587").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 12:41 |
| S67 | 2 | ("5533071").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 12:41 |
| S69 | 40 | ((phase adj lock\$2 adj loop) or PLL) with filter with (phase adj (correction or error or offset)) with (complex or "Q" or imaginary or quadrature) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 13:07 |
| S73 | 6 | ((phase adj lock\$2 adj loop) or PLL) same filter same (phase adj (correction or error or offset)) with (imaginary adj (component or portion)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 13:37 |
| S74 | 13 | ((phase adj lock\$2 adj loop) or PLL) and filter same (phase adj (correction or error or offset)) with (imaginary adj (component or portion)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 13:40 |

EAST Search History

| | | | | | | |
|-----|-----|--|--|----|----|------------------|
| S75 | 29 | ((phase adj lock\$2 adj loop) or PLL) and filter and (phase adj (correction or error or offset)) with (imaginary adj (component or portion)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 13:40 |
| S76 | 226 | (phase near2 detect\$3) with mode with (phase adj error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 16:21 |
| S77 | 10 | S76 and (de\$rotat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 16:27 |